

**DRAFT
MEETING SUMMARY
FERNALD NATURAL RESOURCE TRUSTEES
EM CONFERENCE ROOM
DECEMBER 20, 2000**

Attendees: Joe Bartoszek (OEPA)
Tom Crawford (Fluor Fernald)
John Homer (Fluor Fernald)
Bill Kurey (FWS)
Lisa Ludwick (Fluor Fernald)
Tom Schneider (OEPA)
Craig Straub (Fluor Fernald)
Harold Swiger (Fluor Fernald)
Eric Woods (Fluor Fernald)
Pete Yerace (DOE)

Conceptual Design for the Southern Waste Units

Tom Crawford presented a conceptual grading plan for the SWU providing proposed remediation excavation elevations with various flood elevations overlaid (e.g., 1, 5, and 10 year floods). The conceptual grading plan also contained several proposed restoration grading concepts to maximize the amount of floodwater entering the area. The conceptual grading plan was accepted by the NRTs and will be utilized for the forthcoming SWU IRDP and the Natural Resource Restoration Design Plan (NRRDP).

Action items resulting from the SWU discussion included the following. Fluor Fernald will draft a scope of work for a hydrologist to support the restoration design in the SWU. Fluor Fernald will also develop a preliminary list of firms that have the expertise needed for the SWU design and determine the role that the NRTs can play in selection of the firm. As mentioned above, the conceptual grading plan discussed at the meeting will be incorporated into the IRDP for the SWU to be submitted in the spring 2001.

Adaptive Management/Monitoring

Fluor Fernald provided a proposed approach to long-term monitoring of restored areas including use of adaptive management and use of reference site and baseline data for tracking the progress of restored areas. It was agreed that the overall approach for long-term monitoring of restored areas will be outlined the next version of the NRRP including the parameters to be monitored, the location for the collection of reference site and baseline ecological data and the specific methods to be used for monitoring. The results of the reference site and baseline monitoring would be reported in separate documentation.

As part of the proposed approach, Fluor Fernald presented a schedule that specifies the collection of baseline and reference site data in 2001. OEPA expressed concern that no restored area data would be collected until 2002 at the earliest. As an alternative, OEPA suggested that a limited restored area evaluation be conducted in 2001 in order to make sure that the proposed methods are appropriate and implementable. Also, the restored area conditions should be documented to determine if 2001 will be a "typical" year with respect to rainfall, temperature, etc. Such an evaluation would allow for a more accurate comparison between baseline sites, reference sites, and restored areas in later years.

The NRTS generally accepted the proposed approach with several additional specific recommendations. The NRTs recommended that the measurement parameters for open water habitats be expanded to include

vegetation and macro-invertebrates. Several specific methods were recommended for the collection of benthic macro-invertebrates including the "Ponar" method and "Hester-Dendes." OEPA recommended that the Cowardin classification of wetlands be consulted to delineate specific wetland types within the monitoring plan. DOE recommended that the Izzak Walton League be considered for aquatic insect monitoring based on their past experience. It was agreed that Fluor Fernald would develop a more detailed proposal for the next NRT meeting including parties responsible for monitoring and specific methods to be utilized.

Memorandum of Understanding

DOE informed that NRTs that DOE Legal Counsel has received concurrence on the MOU from the Department of Justice with only minor revision. All three NRTs appear to have identified the appropriate legal counsel to review the document and either have received concurrence or be very close to receiving concurrence on the document. The NRTs agreed to pursue signature of the MOU immediately following the holidays.

Northern Pine Plantation

The NRTs discussed the conceptual restoration design for the Northern Pine Plantation. The NRTs agreed on the proposed plant list for the project. The NRTs were also presented with cost comparisons for a 40% clearing scenario and a 60% clearing scenario. It was agreed that further discussion would occur on the amount the required removal, but Fluor Fernald should plan on at least 40% removal. It was agreed that Fluor Fernald should proceed as soon as possible with the identification and plugging of drain tiles in the northern pins. The NRTs also recommended that a buffer be planned around the OSDF to minimize to the degree practicable the introduction of woody plants and burrowing fauna to the OSDF.

A1PI Wetland Mitigation Project

Fluor Fernald informed the NRTs that a letter would be forthcoming documenting the results of the fall replanting effort in the wetland and outlining a proposal for winter seeding and the completion of replanting in the spring. The forthcoming letter would also propose a submittal date of January 26, 2001 for submittal of the Year One Monitoring Report for the project. The NRTs had no comments on this issue.

Other Issues

The NRTs agreed to table discussions on proposed design submittals for the restoration work at Fernald until the details of the new rebaselining process under the new contract were finalized. The sequence of work under the new contract and the potential delay of soils and OSDF projects could impact the timing of restoration work at the site.

The plan for revision of the NRRP was discussed briefly. The NRTs agreed that revision of the NRRP should proceed and the document should be finalized this calendar year.

The meeting notes from the November 1, 2000 meeting were accepted by the NRTs.

The meeting adjourned at approximately 2:30 p.m., with an agreement to meet on Wednesday, January 31, at 9:30 a.m. at the Fernald site.